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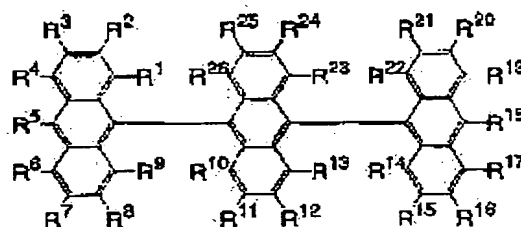
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(54) ORGANIC ELECTROLUMINESCENT ELEMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain an org. electroluminescent element having a high luminance and excellent luminescent characteristics by forming at least one org. thin film layer comprising a trianthrylene compd. between an anode and a cathode.

SOLUTION: A trianthrylene compd. of the formula is used for forming an org. thin film layer of an org. electroluminescent element. In the formula, R1 to R26 are each H, halogen, hydroxyl, amino, alkyl, an arom. hydrocarbon group, carboxyl, or the like provided two of them may combine with each other to form a ring. The compd. has high carrier transport properties and can form a hole transport layer or an electron transport layer. An EL element prepd. by using the compd. having diarylamino groups as a luminescent material, a hole transport material, or an electron transport material emits light with an esp. high luminance. An org. EL element includes a luminescent layer, a hole transport layer, and an electron transport layer formed between an anode and a cathode, and the compd. may be used as any one of these org. layers or may be used as a mixture in which the compd. is present as a dopant.



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